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UNITED STATES GOVERNMENT

# Memorandum

TO : Director of Communications

OCE-M77-011

DATE: 5 January 1977

FROM :   
Chief, Communications Engineering

SUBJECT: Monthly Narrative Summary Report--December 1976

25X1 1. Negotiations were completed with the  25X1  
for Phase II-B of ITS-W on 16 December.  
25X1 An agreement was reached for a firm fixed price contract  
at  Full operation of the system is scheduled  
for 56 weeks after contract award.

2. The CDS preacceptance test started on 18 December  
and is still in progress.

3. DBA Systems advised OL/PD on 23 December that the  
first AFT system will not be completed on schedule. A  
revised project and delivery schedule will be forwarded  
from DBA on 15 January 1977.

25X1

5. Program effort leading to procurement of the new  
SC-3 small satellite field terminal has continued at an  
intense pace. The pre-bidders' conference took place on  
4 January 1977. The proposal due date is 31 January 1977.

6. As of 31 December 1976, on-line testing of the  
first SKYMUX station between  began. 25X1  
The end result will be the first operational field SKYMUX  
station.

7. The equipment and wiring package for the  25X1  
SKYMUX installation was shipped in mid-December.

8. Members of the Narrowband Secure Voice Working  
Group collected their final data and began drafting final  
reports of findings and recommendations. The Working  
Group was split into three principal investigations: a  
microwave study, and an audio study, and a review of the  
Secure Voice Operator's position at TFB, Headquarters.

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25X1  
[REDACTED]

25X1 10. CED completed a Class "A" evaluation of the last of four tactical type transceivers as requested by COD, in support of an [REDACTED] requirement. The four transceivers evaluated were the SouthCom SC-130D, Racal TRA-931, Plessey PRC-320, and the Collins 719D.

25X1 11. The external contract with [REDACTED] for testing and repair of TAR-224 units was completed 15 December 1976. A total of 215 units were tested. One hundred and seventy-eight units were repaired, accepted, and returned to Allocation-55 stock. Thirty-seven units were not economically repairable.

25X1 12. Action was initiated to convert Band B and C [REDACTED] field transmitters to the RT/A-803 Model to support [REDACTED] field requirements until the RS-804 follow-on system is available.

25X1 13. CED technical and operational evaluation of the Telcom 3061 [REDACTED] receive system was suspended due to a temperature problem. The system has been returned to Telcom for rework of a temperature sensitive circuit.

14. Hughes delivered a proposal, with several options, for modification of their 44440H Millimeter Wave Communicator.

15. Representatives of 3M demonstrated their Model 666 digital facsimile machine. Quality Assurance Branch testing has been delayed due to a mechanical problem in a set of drive-shaft gears.

16. All new Timeplex MX-113 equipment has been inspected. To date the T&I shop has expended approximately 600 man hours testing this equipment.

17. The crypto repair unit is making an effort to increase the ready-for-issue stock of KW-7 units. Higher-than-expected power supply failures and covers with gasket material missing are the two major problem areas encountered.

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25X1 18. Three sets of SKYLINK terminal spares were  
25X1 ordered sent from the [ ] for test and inspection  
at [ ] In the future, [ ] will maintain a  
stock level of three T&I'ed spares at all times.

25X1

25X1

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